

QUERY OPTIMIZATION TECHNIQUE FOR  
OBTAINING IMPROVED CARDINALITY ESTIMATES  
USING STATISTICS ON PRE-DEFINED QUERIES

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ABSTRACT

10 A technique for optimizing execution of a query that accesses data stored on a data store connected to a computer. Statistics on one or more pre-defined queries are used to determine an optimal query execution plan for the query. In particular, improved cardinality estimates are generated for one or more query execution plans for the query using statistics of one or more pre-defined queries that vertically overlap the query. These cardinality estimates are used to make more accurate cost estimates, thus improving the likelihood of determining the optimal query execution plan.

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